

ABSTRACT OF THE DISCLOSURE

A system for tracking and monitoring at least one item in an environment includes at least one transmitter assigned a unique identification number for the item and attached to the item and at least one receiver for receiving a first data packet which includes the unique identification number from the transmitter. At least one node computer controls the receiver, receives a second data packet which includes said unique identification number and direction-of-travel code from the receiver, and determines a location of the item from the direction-of-travel code. A controller computer controls the node computer, receives the unique identification number and the location of the item from the node computer, and stores the unique identification number and the location of the item. A central computer facility coordinates the controller computer and collects and stores the unique identification number and the location of the item for exportation from the system.